

Peak District National Park

Forecast valid from 06:00 on Monday 10 Aug 2020 until 23:59 on Tuesday 11 Aug 2020

Forecast Issued on Monday 10 Aug 2020 at 03:41

Confidence: Moderate to high in overall trend, lower confidence in detail of thundery showers.

Headline for Monday 10 Aug 2020: Sunny spells. A few showers, possibly thundery.

Mountain weather hazards on Monday 10 Aug 2020

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

Medium Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Thunderstorm	Thunderstorm
Precipitation probability					
10%	10%	10%	30%	70%	70%

Forecast for Monday 10 Aug 2020

Weather: Perhaps some patchy low cloud on peaks at first, but variable cloud cover during the day with sunny spells. Sunshine may be strong at times. There is a chance of showers during the day, low risk of lightning, but with an increasing chance of becoming more persistent for a time during the evening, and coupled with squally winds. Warm on peaks despite fresh to strong northeast winds, perhaps very warm in valleys.

Chance of cloud free mountain/hill tops above 600m: 30 percent at first, then 90-100 percent during the day.

Visibility: Mainly very good, locally moderate in showers. Poor in early morning low cloud on peaks.

Forecast for Monday 10 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 E	15/22 NE	19/26 NE	17/24 NE	16/23 NE	16/23 NE	15/21 E
300	10/14 NE	11/17 NE	16/24 NE	14/21 NE	11/20 NE	14/24 NE	10/17 NE
Valley	10/18 E	13/26 E	15/29 E	13/25 E	10/22 NE	14/27 NE	13/26 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/13	16/13	18/14	20/17	19/17	16/14	16/13
300	15/14	18/17	21/18	23/22	22/21	19/17	18/17
Valley	17/16	20/17	22/20	24/22	22/21	19/17	18/16
Freezing Level*	3600m	3600m	3600m	3600m	3600m	3500m	3600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Winds may gust to 50 mph on peaks later in squally showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 10 Aug 2020	0mm	0mm	0mm

Forecast for Tuesday 11 Aug 2020

Weather: Similar weather with sunny spells, variable cloud and risk of a few showers, perhaps heavy and thundery. Warm on peaks, very warm in valleys. Chance of overnight fog patches on peaks.

Maximum wind: Northeast 15 to 20 mph.

Chance of cloud free mountain/hill tops above 600m: Mainly 90-100 percent, but 40 percent in any early morning low cloud.

Visibility: Mainly good or very good. Moderate in showers, poor in any fog on peaks.

Temperature: **Valleys:** 15 bec 25 deg C
At 600m: 14 bec 22 deg C.
Freezing level: well above the tops.